

U.S. PATENT DOCUMENTS





PTO/SB/08A (08-00) Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

Examiner

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)
Sheet 1 of 4

5,368,564

5,368,592

5,373,849

5,383,923

ond to a concessor or information are cook diop	nayo a vasa omo consornamoci.
Application Number	
Filing Date	January 31, 2001
First Named Inventor	Shlomo Ben-Haim
Group Art Unit	
Examiner Name	
Attorney Docket Number	BIO-125
·	

11/29/94

11/29/94

12/20/94

1/24/95

U.S. Patent Document Date of Publication Pages, Columns, Lines, Name of Patentee or Applicant Kind Code² Cite of Cited Document where relevant passages of Cited Document or relevant figures appear Number (if known) No.1 mm-dd-yyyy 4/17/90 4,917,095 Fry et al. 5/1/90 4,921,482 Hammerslag et al. 5,195,968 Lundquist et al. 3/23/93 5/18/93 5,211,165 Dumoulin et al. 6/29/93 5,222,501 Ideker et al. 5,285,788 Arenson et al. 2/15/94

				FO	REIGN PATENT DOCUMENTS	*		
		Foreign	Patent Documer	nt	Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, where relevant	
Examiner Initials	Cite No.1	Office ³	Number⁴ Kir	ndCode ⁵	Applicant of Cited Document	mm-dd-yyyy	passages or relevant figures appear	T⁵
		PCT	95/05773	A1	Waldman et al.	3/2/95		
		PCT	95/07657	A1	Imran	3/23/95		
		PCT	95/10226	A1	McGee, et al.	4/20/95		
		PCT	95/19738	A1	Milder	7/27/95		
1	1	PCT.	96/05768	A1	Ben-Haim et al.	2/29/96		

Savage

Stern et al.

Maroney et al.

Webster, Jr.

Examiner Signature	h	Date Considered	6/30/1	12

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)
Sheet 2 of 4

and to a collection of information unless it displays a valid OMB control number.					
Application Number					
Filing Date	January 31, 2001				
First Named Inventor	Shlomo Ben-Haim				
Group Art Unit					
Examiner Name					
Attorney Docket Number	BIO-125				
	1				

U.S. PATENT DOCUMENTS U.S. Patent Document Date of Publication Pages, Columns, Lines, Name of Patentee or Applicant Kind Code² Examiner Cite of Cited Document where relevant passages of Cited Document Initials or relevant figures appear Number (if known) mm-dd-yyyy No.1 5,391,199 Ben-Haim 2/21/95 4/4/95 5,403,356 Hill et al. 5,404,297 Birk et al. 4/4/95 7/18/95 5,431,168 Webster, Jr. 7/18/95 5,433,198 Desai 8/22/95 5,443,489 Ben-Haim 9/19/95 5,450,846 Goldreyer 11/14/95 5,465,717 Imran et al. 5,471,982 Edwards et al. 12/5/95

	FOREIGN PATENT DOCUMENTS									
				Foreign	Patent Documer	nt	Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, where relevant	
Examiner In tials	Cite No. ¹	Office ³	Number⁴ Kir	ndCode ⁵	Applicant of Cited Document	mm-dd-yyyy	passages or relevant figures appear	T [®]		
		PCT	97/24981	A2	Ben-Haim et al.	7/17/97				
		PCT	99/05971	A1	Willis et al.	2/11/99				
		PCT	00/07501	A1	Willis et al.	2/17/00				

			1
Examiner 3	1 0	Date	8/3/1/1/2
Signature /	\sim \sim	Considered	0/30/00

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

¹ Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.



PTO/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)
Sheet 3 of 4

and to a concension of information unices it dis	olayo a vaka omo doma a mambar.
Application Number	
Filing Date	January 31, 2001
First Named Inventor	Shlomo Ben-Haim
Group Art Unit	
Examiner Name	
Attorney Docket Number	BIO-125
-	

U.S. PATENT DOCUMENTS U.S. Patent Document Date of Publication Pages, Columns, Lines, Name of Patentee or Applicant Kind Code² Examiner Cite of Cited Document where relevant passages of Cited Document Initials or relevant figures appear Number (if known) No.1 mm-dd-yyyy 5,487,391 Panescu 1/30/96 Smith et al. 5/14/96 5,515,853 5,555,883 Avitall 9/17/96 9/24/96 5,558,092 Unger et al. 11/26/96 5,577,502 Darrow et al. 5.588.432 Crowley 12/31/96 Martinelli 1/14/97 5,592,939 2/11/97 5,601,084 Sheehan et al. 4/14/98 5,738,096 Ben-Haim 7/14/98 5,779,638 Vesely et al.

FOREIGN PATENT DOCUMENTS								
		Foreign	Patent Docu	ıment	Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, where relevant	
aminer n tials	Cite No. ¹	Office ³	Number⁴	KindCode ⁵	Applicant of Cited Document	mm-dd-yyyyy passages or relevant figures appear		T ⁶
1								

Examiner Signature	0~	12_	Date Considered	8/	32/02
				-	,

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

¹ Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.





PTO/SB/08A (08-00) Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

Examiner

Signature

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary) Sheet 4 of 4

ond to a confection of information unless it dis	Diays a valid Offic Control Humber.
Application Number	
Filing Date	January 31, 2001
First Named Inventor	Shlomo Ben-Haim
Group Art Unit	
Examiner Name	
Attorney Docket Number	BIO-125

U.S. PATENT DOCUMENTS U.S. Patent Document **Date of Publication** Pages, Columns, Lines, Name of Patentee or Applicant Kind Code² Examiner Cite of Cited Document where relevant passages of Cited Document or relevant figures appear Number (if known) No.1 mm-dd-yyyy 5.795.298 Vesely et al. 8/18/98 8/25/98 5,797,849 Vesely et al. 5,817,022 Vesely 10/6/98 11/3/98 5.830.144 Veselv 2/9/99 5,868,673 Vesely

FOREIGN PATENT DOCUMENTS Foreign Patent Document Date of Publication Pages, Columns, Lines, of Cited Document where relevant Name of Patentee or Examiner Cite passages or relevant т⁰ mm-dd-yyyy Applicant of Cited Document figures appear Initials KindCode⁵ Number⁴ No.1

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date

Considered

1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents, 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the senal number of the patent document. s Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington,

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PTO/SB/08A (08-00)